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CENTRAL FAX CENTERPatent

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IN THE CLAIMSAmendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and the applicant and/or Applicant reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

Listing of Claims:

What is claimed is:

1. (Currently Amended) Novel A pharmaceutical composition, comprising:

~~biodegradable aliphatic polyesters derived from fatty diacids and fatty diols both with even number of carbon atoms, in which the even carbon number is selected from 2-50, pharmaceutical compositions and applications thereof wherein the said at least one pharmaceutically active ingredient;~~

~~poly(ethylene sebacate) the said biodegradable aliphatic polyester derived from fatty diacids and fatty diols both with even number of carbon atoms such as 2-50; and~~

~~wherein [[the]] said pharmaceutical composition is ~~compositions are~~ in the form of different drug delivery systems, wherein said drug delivery systems comprise one or more of the following structures: such as drug loaded microparticles, nanoparticles, molded implants, coated granules, injectable sustained release particles, stents, films, matrix tablet, coated tablets, dry syrup, mouth dissolving tablets, microparticles dispersed in gels, taste masked formulation, ophthalmic inserts (ophthalmic), fibers, ligatures [[and]] or sutures.~~

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2. (Cancelled)

3. (Cancelled)

4. (Currently Amended) ~~Novel~~ The pharmaceutical composition ~~biodegradable aliphatic polyesters derived from the fatty diacids and fatty diols with even number of carbon atoms as claimed in claim 1 claims 1 to 3 wherein molecular weight of [[the]] said poly(ethylene sebacate) biodegradable aliphatic polyesters is in the range of 3,000 to 30,000.~~

5. (Cancelled)

6. (Cancelled)

7. (Currently Amended) ~~Novel~~ The pharmaceutical composition ~~biodegradable aliphatic polyesters derived from the fatty diacids and fatty diols with even number of carbon atoms as claimed in claim 1 claims 1 to 6 wherein [[the]] said pharmaceutically active ingredient is selected from~~ comprises one or more of the following compounds: anti-hypertensives, cardiovascular agents, analgesics, steroids, physiologically active peptides and/or proteins, anti-cancer agents, antibiotics, fibrinolytics, anti-inflammatory agents, expectorants, muscle relaxants, epilepsy remedies, anti-ulcerative agents, anti-hyperchondriac agents, anti-allergic agents, diuretics diabetes curatives, hyperlipidemic remedies, anticoagulants, hemolytic agents, anti tubercular agents, hormones, anesthetic antagonists, osteoclastic suppressants, osteogenic promotives, angiogenesis

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suppressors, mydriatics, myotics, or glaucoma therapy ~~[[and]]~~ or mixtures thereof.

8. (Currently Amended) The ~~pharmaceutical composition drug delivery system of~~ novel biodegradable aliphatic polyesters derived from fatty diacids and fatty diols with even number of carbon atoms as claimed in claim 1 ~~claims 1 to 7~~ wherein ~~[[the]]~~ said drug delivery system comprises ~~is drug loaded micro-/nano-particles.~~

9. (Currently Amended) The ~~pharmaceutical composition drug delivery system of~~ novel biodegradable aliphatic polyesters derived from the fatty diacids and fatty diols with even number of carbon atoms as claimed in claim 1 ~~claims 1 to 7~~, wherein ~~[[the]]~~ said drug delivery systems comprise ~~[[are]]~~ molded implants ~~containing drug.~~

10. (Currently Amended) The ~~pharmaceutical composition drug delivery system of~~ novel biodegradable aliphatic polyesters derived from the fatty diacids and fatty diols with even number of carbon atoms as claimed in claim 1 ~~claims 1 to 7~~ wherein ~~[[the]]~~ said drug delivery systems comprise ~~[[are]]~~ coated granules, prepared by coating the granules with 1-5% solution of ~~[[the]]~~ said poly(ethylene sebacate) biodegradable aliphatic polyester in a suitable solvent.

11. (Currently Amended) The ~~pharmaceutical composition drug delivery system of~~ novel biodegradable aliphatic polyesters derived from the fatty diacids and fatty diols with even number of carbon atoms as claimed in claim 1 ~~claims 1 to 7~~ wherein ~~[[the]]~~ said drug delivery systems comprise ~~[[are]]~~ injectable microparticles suitable for sub-cutaneous, intra-muscular, intravenous or periodontal administration.

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12. (Cancelled)

13. (Currently Amended) ~~The pharmaceutical composition drug delivery system of novel biodegradable aliphatic polyesters derived from the fatty diacids and fatty diols with even number of carbon atoms in the form of microparticles dispersed in gel as claimed in claim 1 claims 1 to 7 wherein [[the]] said drug delivery system comprises microparticles and/or nanoparticles dispersed in a gel formulation form is prepared by incorporating the micro-particles in a gel suitable for use in the treatment of periodontitis capable of periodontal administration.~~

14. (Currently Amended) ~~The pharmaceutical composition drug delivery system of novel biodegradable aliphatic polyesters derived from the fatty diacids and fatty diols with even number of carbon atoms in the form of films as claimed in claim 1 claims 1 to 7 wherein [[the]] said drug delivery system comprises in the form of film is self supporting drug loaded films.~~

15. (Cancelled)

16. (Currently Amended) ~~Nevel The pharmaceutical composition biodegradable aliphatic polyesters derived from fatty diacids and fatty diols with even number of carbon atoms, pharmaceutical compositions and applications thereof as claimed in claim 1 to 15 wherein the [[drug]] pharmaceutically active ingredient to poly(ethylene sebacate) polymer ratio is selected from 95:5 to 1:99.~~

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17. (Currently Amended) ~~Nevel~~ The pharmaceutical composition ~~biodegradable aliphatic polyesters derived from fatty diacids and fatty diols with even number of carbon atoms, pharmaceutical compositions and applications thereof as claimed in claim 8 claims 1 to 8, 11 and 13 wherein a particle size of microparticles is in the range of 0.5microns to 2.0 microns 10nm to 1000 microns depending on the type and concentration of stabilizer and drug to polymer ratio used in the formulation.~~

18. (Currently Amended) ~~The pharmaceutical composition drug delivery system of novel biodegradable aliphatic polyesters derived from the fatty diacids and fatty diols with even number of carbon atoms in the form of drug loaded microparticles, nanoparticles, molded implants, coated granules, injectable sustained release particles, stents, films, matrix tablet, coated tablets, dry syrup, mouth dissolving tablets, microparticles dispersed in gels, inserts (ophthalmic), fibers, ligatures and sutures as claimed in claim 1 claims 1 to 17 wherein [[the]] said drug delivery systems are with or without the addition of~~ comprise lipase ~~[[to]] capable of modifying~~ modify the drug release of said pharmaceutically active ingredient.

19. (Currently Amended) ~~Nevel~~ The pharmaceutical composition ~~biodegradable aliphatic polyesters derived from fatty diacids and fatty diols with even number of carbon atoms, pharmaceutical compositions and applications thereof as claimed in claim 1 claims 1 to 18 wherein [[the]] said pharmaceutical composition compositions is capable of being~~ could be administered by either oral, ophthalmic, parenteral, mucosal or transdermal route.

20. (Cancelled)

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21. (New) The pharmaceutical composition as claimed in claim 1 wherein said drug delivery system comprises nanoparticles.

22. (New) The pharmaceutical composition of claim 21, wherein said nanoparticles are injectable nanoparticles suitable for sub-cutaneous, intra- muscular, intravenous or periodontal administration.

23. (New) The pharmaceutical composition of claim 21, wherein a particle size of said nanoparticles is in the range of 10 nanometers to 500 nanometers.